

WEST**End of Result Set**

Generate Collection

Print

L1: Entry 2 of 2

File: DWPI

Jan 13, 1995

DERWENT-ACC-NO: 1995-085635

DERWENT-WEEK: 199512

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TITLE: Ink compsn. for marking of skin - contains acetate and/or ketone type solvent,
dye component and adhesive contg. ethoxy ethyl methacrylic resin

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SAKURA KUREPASU KK

SAKC

PRIORITY-DATA: 1993JP-0156597 (June 28, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 07011183 A	January 13, 1995		008	C09D011/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 07011183A	June 28, 1993	1993JP-0156597	

INT-CL (IPC): C09 D 11/16

ABSTRACTED-PUB-NO: JP 07011183A

BASIC-ABSTRACT:

An ink compsn. for marking skin contains (a) solvent component contg. methyl acetate, ethyl acetate, butyl acetate, amyl acetate, methyl ethyl ketone and/or methyl isobutyl ketone, (b) a dye component of other colour than red and (c) an adhesive component contg. beta-ethoxyethyl methacrylic resin as the main component. Component (b) dissolves in solvent (a).

Component (b) contains 2-3C aliphatic alcohol. The ink compsn. also contains at least one kind of 2-3C aliphatic alcohol.

ADVANTAGE - The ink compsn. has good adhesion to skin and only slightly affects sweating.

In an example, 230 pts.wt. C.I.Sol.Black 3, 100 pts.wt. beta-ethoxyethyl methacrylic resin and 3200 pts.wt. ethyl acetate were homogeneously mixed to give an ink compsn.. The ink had good adhesion to skin. When a polypropylene film was marked with the ink compsn., the marks bled only slightly. When the polypropylene film applied with the ink compsn. was irradiated with X-rays, heat was not generated.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: INK COMPOSITION MARK SKIN CONTAIN ACETATE KETONE TYPE SOLVENT DYE
COMPONENT ADHESIVE CONTAIN ETHOXY ETHYL METHACRYLIC RESIN

DERWENT-CLASS: A14 A97 G02

CPI-CODES: A04-F06E; A08-S02; A12-D05B; A12-V04C; A12-W07D; G02-A04A;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 017 ; G0419 G0384 G0339 G0260 G0022 D01 D12 D10 D51 D53 D58 D63
F41 D11 D88 F34 ; H0000 ; S9999 S1627 S1605 ; P0088 Polymer Index [1.2] 017 ; ND01 ;
ND04 ; Q9999 Q8242 Q8173 ; Q9999 Q8797 Q8775 ; Q9999 Q9176 Q9165 ; B9999 B5301 B5298
B5276 ; N9999 N6439 ; N9999 N5890 N5889 Polymer Index [1.3] 017 ; D01 D11 D10 D50 D63
D83 D86 D87 ; R01135 D01 D11 D10 D50 D63 D84 F41 ; R00437 G1525 D01 D11 D10 D50 D84
F23 ; R00836 D01 D11 D10 D50 D86 F23 ; A999 A475 ; A999 A771 Polymer Index [1.4] 017 ;
D01 F23 ; A999 A475 ; A999 A771

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-039051

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L1: Entry 1 of 1

File: DWPI

Apr 23, 1991

DERWENT-ACC-NO: 1991-161141

DERWENT-WEEK: 199122

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TITLE: Oily marker ink compsn. - contg. colourant, resin, organic solvent and
carboxylated polyoxyethylene alkyl ether

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MITSUBISHI PENCIL CO

MISP

PRIORITY-DATA: 1989JP-0232986 (September 11, 1989)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 03097776 A

April 23, 1991

000

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP 03097776A

September 11, 1989

1989JP-0232986

INT-CL (IPC): C09D 11/16

ABSTRACTED-PUB-NO: JP 03097776A

BASIC-ABSTRACT:

The oil marker ink contains colourant agent, resin, organic solvent and carboxylated
polyoxyethylene alkyl ether of formula

$$R-O-(CH_2CH_2O)_nCH_2COOM \text{ (I)}$$

n is 1-20, R is 2-20C an alkyl, M is H, metal atom such as Na, K or ammonium or
alkanolamine.

USE/ADVANTAGE - The ink has a fixing ability surface and maintains original writing
trace even after scrubbing.

In an example, the ink was made by mixing 10 wt. % bary first blue 2606, 5 wt. % of
marukyd 34, 84 wt. % of isopropyl alcohol and 1 wt. % of $C_8H_{17}-O-(CH_2CH_2O)_2-CH_2COONa$.
The ink had a good fixing ability as compared with the ink which did not contain
 $C_8H_{17}-O-(CH_2CH_2O)_2-CH_2COONa$.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: OIL MARK INK COMPOSITION CONTAIN COLOUR RESIN ORGANIC SOLVENT
CARBOXYLATED POLYOXYETHYLENE ALKYL ETHER

DERWENT-CLASS: A97 G02

CPI-CODES: A12-D05B; G02-A04A;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0271U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0013 3002 0044 0047 0231 1279 1588 1592 2001 2002 2014 2022 2318 2507
3285

Multipunch Codes: 014 028 039 04- 06- 09- 10& 147 198 230 231 24- 240 250 31- 316 332
334 336 398 50& 54& 641 688 720 724

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-069838

WEST**End of Result Set**

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L2: Entry 2 of 2

File: DWPI

Nov 11, 1985

DERWENT-ACC-NO: 1985-321684

DERWENT-WEEK: 198551

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TITLE: Ink compsn. for ink jet printing - comprises water, hydrophilic organic solvent and dye

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SUMITOMO CHEM IND KK

SUMO

PRIORITY-DATA: 1984JP-0082305 (April 24, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 60226575 A	November 11, 1985		007	
JP 94006684 B2	January 26, 1994		000	C09D011/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 94006684B2	April 24, 1984	1984JP-0082305	
JP 94006684B2		JP 60226575	Based on

INT-CL (IPC): C09D 11/00

ABSTRACTED-PUB-NO: JP 60226575A

BASIC-ABSTRACT:

Ink compsn. for ink jet printing comprises 5-90wt.% water, 10-70wt.% hydrophilic organic solvent and 0.1-20wt.% dye contg. reactive gp. (I) or (II) (X is releasable gp. coupled to the triazine ring via = N-, -S- or -O-, A is substit. non-reactive with cellulose or substit. reactive with cellulose in the presence of acid binder and Y is releasable gp. coupled to the ethylene gp. via = N- or -S- or halogen atom).

The hydrophilic organic solvent is pref. 1-10C alkyl alcohol, ether (e.g. ethyl ether, butyl ether, ethylene glycol diethyl ether, ethylene glycol monoethyl ether), ketone (e.g. acetone, methylethyl ketone, methylpropyl ketone, methylamyl ketone or cyclohexanone), ester (e.g. ethyl formate, methyl acetate, ethyl acetate, propyl acetate, butyl acetate, phenyl acetate, ethylene glycol monoethyl acetate or ethyl lactate), polyol (e.g. ethylene glycol, diethylene glycol, propylene glycol or glycerin), amide (e.g. dimethylformamide or dimethylacetamide), polyalkylene glycol (e.g. polyethylene glycol or polypropylene glycol), amine (e.g. diethanol amine or triethanol amine), N-contg. heterocyclic cpd. (e.g. pyrrolidone, N-methyl-2-pyrrolidone or 1,3-dimethyl-2-imidazolidinone) or intermolecular ester (e.g. butyrolactone, valerolactone, caprolactone, heptalactone, octalactone or nonalactone).

The ink compsn. is opt. blended with surface tension controller, viscosity controller

and/or UV ray absorber. In order to enhance the distinctness and fastness to light and water, the heated ink compsn. is injected or printed image may be heated.

ADVANTAGE - The ink compsn. has high stability against continuous injection and long storage stability and provides image having high depth, distinctness and fastness to light and water.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: INK COMPOSITION INK JET PRINT COMPRISE WATER HYDROPHILIC ORGANIC SOLVENT DYE

DERWENT-CLASS: A97 E24 G02

CPI-CODES: A12-W07E; E25-E; G02-A04B;

CHEMICAL-CODES:

Chemical Indexing M4 *01*

Fragmentation Code

A429	A960	C316	C710	D020	D021	D022	D023	D024	D025
D029	E350	E570	F011	F012	F013	F014	F015	F016	F018
F019	F431	F432	F499	F511	F512	F580	F599	F653	G010
G011	G012	G013	G015	G016	G017	G018	G019	G020	G021
G022	G023	G029	G100	G111	G112	G113	G221	G299	G331
H100	H102	H103	H121	H122	H123	H141	H142	H211	H402
H403	H405	H441	H442	H482	H484	H521	H541	H542	H581
H602	H608	H641	H642	J011	J012	J013	J111	J112	J131
J133	J311	J341	J521	J522	J581	K353	K399	K421	K431
K442	K499	K534	K599	K630	L142	L432	L440	L721	L722
L723	L724	L930	L941	L951	M122	M123	M124	M125	M129
M141	M143	M145	M149	M210	M211	M212	M240	M262	M272
M273	M280	M281	M282	M283	M312	M320	M321	M322	M323
M332	M342	M343	M349	M381	M383	M391	M392	M393	M411
M413	M414	M510	M511	M520	M521	M522	M523	M532	M533
M540	M781	M903	Q130	Q332	R023	W002	W003	W013	W031
W032	W033	W034	W111	W112	W114	W121	W122	W124	W131
W211	W212	W231	W232	W261	W321	W323	W326	W327	W334
W336									

UNLINKED-RING-INDEX-NUMBERS: 00212; 06139 ; 07541

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0013 0231 1279 1581 1588 1602 2812

Multipunch Codes: 014 028 04- 147 198 200 336 656 659 688 720

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1985-139294